L Number	Hits	Search Text	DB	Time stamp
1	2	20030080300.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/21 14:52
2	6305	250/491.1 or 250/492.1 or 250/440.11 or 250/442.11 or 250/443.1 or 250/398	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/21 14:54
3	1232254	@pd>20030307	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/21 14:56
4	38660	@ad>20030307	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/21 14:56
5	1232384	@pd>20030307 or @ad>20030307	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/21 14:56
6	446	(@pd>20030307 or @ad>20030307) and (250/491.1 or 250/492.1 or 250/440.11 or 250/442.11 or 250/443.1 or 250/398)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/21 14:56

| 9 | 222 | (((((wafer or sample or object or specimen or die) WITH (pad or holder or stage or support or pedestal or carrier or supported or supporting) WITH (water or h2o or antifreeze or air or freon or nitrogen or halogen or coolant or cooling or cooled or cool)) AND (((Ion adj (implantation or implanting or implanter)) or (electron adj microscope) or SEM or STM) OR ((charged adj particle adj beam) or CPB or (particle adj beam) or PB or (ion adj beam) or ionbeam or ion-beam or (electron adj beam) or electronbeam or ebeam or e-beam or beam))) and ((250/491.1 or 250/492.1 or 250/440.11 or 250/442.11 or 250/443.1 or 250/398) or (("6114705" "5685588" "6222196" "6222196" "6552892" "6583428" "4776744" "4899059" "4937206" "4965862" "5389793" "5420415" "5476520" "5629528" "5703375" "5757018" "5763895" "5883393" "5969366" "6060715" "6180954" "6207959" "6313469" "6515290" "5754391" "5731592" "4804852" "4922106" "4929840" "5486702" "5843797" "5907158" "6055460" "4383180" "4539217" "4578589" "4587433" "4593200" "4761559" "4782304" "4812663" "4847504" "4914305" "4943728" "4975586" "4980562" "5023458" "5198676" "5350427" "5350926").pn. ("5384465" "5432352" "5438203" "5457324" "5481116" "5497006" "5531420" "5554857" "5554854" "5633506" "5639386" "5656092" "5670217" "5672879" "5693939" "5703372" "5719403" "5736743" "5763890" "5814822" "5834787" "5861632" "5880013" "5981961" "5998798" "6020592" "6027988" "6030898" "6075249" "6090689" "6093456" "6130436" "6136613" "6153524" "6207005" "6222253" "6222253" "6268609" "6274459" "6297510" "6300643" "6313475" "6344404" "6392245" "6414329" "6462817" "6476399" "6514838" "6524869" "6525326").pn.))) or ((((((Ion adj (implantation or implanting or implanter)) or (electron adj microscope) or SEM or STM)) and (((charged adj particle adj beam) or CPB or (particle adj beam) or PB or (ion adj beam) or ionbeam or ion-beam or (electron adj beam) or electronbeam or ebeam or e-beam or beam))) and (((water or h2o or antifreeze or air or freon or nitrogen or halogen or coolant or cooling or cooled or cool)) with (((wafer or sample or object or specimen or die) WITH (pad or holder or stage or support or pedestal or carrier or supported or supporting))))) and ((250/491.1 or 250/492.1 or 250/440.11 or 250/442.11 or 250/443.1 or 250/398) or (("6114705" "5685588" "6222196" "6222196" "6552892" "6583428" "4776744" "4899059" "4937206" "4965862" "5389793" "5420415" "5476520" "5629528" "5703375" "5757018" "5763895" "5883393" "5969366" "6060715" "6180954" "6207959" "6313469" "6515290" "5754391" "5731592" "4804852" "4922106" "4929840" "5486702" "5843797" "5907158" "6055460" "4383180" "4539217" "4578589" "4587433" "4593200" "4761559" "4782304" "4812663" "4847504" "4914305" "4943728" "4975586" "4980562" "5023458" "5198676" "5350427" "5350926").pn. ("5384465" "5432352" "5438203" "5457324" "5481116" "5497006" "5531420" "5554857" "5554854" "5633506" "5639386" "5656092" "5670217" "5672879" "5693939" "5703372" "5719403" "5736743" "5763890" "5814822" "5834787" "5861632" "5880013" "5981961" "5998798" "6020592" "6027988" "6030898" "6075249" "6090689" "6093456" "6130436" "6136613" "6153524" "6207005" "6222253" "6222253" "6268609" "6274459" "6297510" "6300643" "6313475" "6344404" "6392245" "6414329" "6462817" "6476399" "6514838" "6524869" "6525326").pn.))) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/11/21 14:58 |

| 10 | 62 | ((((Curve or curved or curving or convex or concave or angular or semi-circular or (semi adj circular) or semi-circular) SAME (bearing or bearings))) and ((250/491.1 or 250/492.1 or 250/440.11 or 250/442.11 or 250/443.1 or 250/398) or (("6114705" "5685588" "6222196" "6222196" "6552892" "6583428" "4776744" "4899059" "4937206" "4965862" "5389793" "5420415" "5476520" "5629528" "5703375" "5757018" "5763895" "5883393" "5969366" "6060715" "6180954" "6207959" "6313469" "6515290" "5754391" "5731592" "4804852" "4922106" "4929840" "5486702" "5843797" "5907158" "6055460" "4383180" "4539217" "4578589" "4587433" "4593200" "4761559" "4782304" "4812663" "4847504" "4914305" "4943728" "4975586" "4980562" "5023458" "5198676" "5350427" "5350926").pn. ("5384465" "5432352" "5438203" "5457324" "5481116" "5497006" "5531420" "5554857" "5554854" "5633506" "5639386" "5656092" "5670217" "5672879" "5693939" "5703372" "5719403" "5736743" "5763890" "5814822" "5834787" "5861632" "5880013" "5981961" "5998798" "6020592" "6027988" "6030898" "6075249" "6090689" "6093456" "6130436" "6136613" "6153524" "6207005" "6222253" "6222253" "6268609" "6274459" "6297510" "6300643" "6313475" "6344404" "6392245" "6414329" "6462817" "6476399" "6514838" "6524869" "6525326").pn.)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/11/21 14:58 |
| 11 | 55 | (((((Curve or curved or curving or convex or concave or angular or semi-circular or (semi adj circular) or semi-circular) SAME (bearing or bearings))) and ((250/491.1 or 250/492.1 or 250/440.11 or 250/442.11 or 250/443.1 or 250/398) or (("6114705" "5685588" "6222196" "6222196" "6552892" "6583428" "4776744" "4899059" "4937206" "4965862" "5389793" "5420415" "5476520" "5629528" "5703375" "5757018" "5763895" "5883393" "5969366" "6060715" "6180954" "6207959" "6313469" "6515290" "5754391" "5731592" "4804852" "4922106" "4929840" "5486702" "5843797" "5907158" "6055460" "4383180" "4539217" "4578589" "4587433" "4593200" "4761559" "4782304" "4812663" "4847504" "4914305" "4943728" "4975586" "4980562" "5023458" "5198676" "5350427" "5350926").pn. ("5384465" "5432352" "5438203" "5457324" "5481116" "5497006" "5531420" "5554857" "5554854" "5633506" "5639386" "5656092" "5670217" "5672879" "5693939" "5703372" "5719403" "5736743" "5763890" "5814822" "5834787" "5861632" "5880013" "5981961" "5998798" "6020592" "6027988" "6030898" "6075249" "6090689" "6093456" "6130436" "6136613" "6153524" "6207005" "6222253" "6222253" "6268609" "6274459" "6297510" "6300643" "6313475" "6344404" "6392245" "6414329" "6462817" "6476399" "6514838" "6524869" "6525326").pn.))) and (((((charged adj particle adj beam) or CPB or (particle adj beam) or PB or (ion adj beam) or ionbeam or ion-beam or (electron adj beam) or electronbeam or ebeam or e-beam or beam)) or (((Ion adj (implantation or implanting or implanter)) or (electron adj microscope) or SEM or STM))) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/11/21 14:58 |

| 12 | 129 | (((((Ion adj (implantation or implanting or implanter)) or (electron adj microscope) or SEM or STM)) and (((charged adj particle adj beam) or CPB or (particle adj beam) or PB or (ion adj beam) or ionbeam or ion-beam or (electron adj beam) or electronbeam or ebeam or e-beam or beam))) and (((water or h2o or antifreeze or air or freon or nitrogen or halogen or coolant or cooling or cooled or cool)) with (((wafer or sample or object or specimen or die) WITH (pad or holder or stage or support or pedestal or carrier or supported or supporting))))) and ((250/491.1 or 250/492.1 or 250/440.11 or 250/442.11 or 250/443.1 or 250/398) or (("6114705" "5685588" "6222196" "6222196" "6552892" "6583428" "4776744" "4899059" "4937206" "4965862" "5389793" "5420415" "5476520" "5629528" "5703375" "5757018" "5763895" "5883393" "5969366" "6060715" "6180954" "6207959" "6313469" "6515290" "5754391" "5731592" "4804852" "4922106" "4929840" "5486702" "5843797" "5907158" "6055460" "4383180" "4539217" "4578589" "4587433" "4593200" "4761559" "4782304" "4812663" "4847504" "4914305" "4943728" "4975586" "4980562" "5023458" "5198676" "5350427" "5350926").pn. ("5384465" "5432352" "5438203" "5457324" "5481116" "5497006" "5531420" "5554857" "5554854" "5633506" "5639386" "5656092" "5670217" "5672879" "5693939" "5703372" "5719403" "5736743" "5763890" "5814822" "5834787" "5861632" "5880013" "5981961" "5998798" "6020592" "6027988" "6030898" "6075249" "6090689" "6093456" "6130436" "6136613" "6153524" "6207005" "6222253" "6222253" "6268609" "6274459" "6297510" "6300643" "6313475" "6344404" "6392245" "6414329" "6462817" "6476399" "6514838" "6524869" "6525326").pn.)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/11/21 14:58 |
| 13 | 780 | (((wafer or sample or object or specimen or die or pad or holder or stage or support or pedestal or carrier or supported or supporting) NEAR5 (water or h2o or antifreeze or air or freon or nitrogen or halogen or coolant or cooling or cooled or cool))) and ((250/491.1 or 250/492.1 or 250/440.11 or 250/442.11 or 250/443.1 or 250/398) or (("6114705" "5685588" "6222196" "6222196" "6552892" "6583428" "4776744" "4899059" "4937206" "4965862" "5389793" "5420415" "5476520" "5629528" "5703375" "5757018" "5763895" "5883393" "5969366" "6060715" "6180954" "6207959" "6313469" "6515290" "5754391" "5731592" "4804852" "4922106" "4929840" "5486702" "5843797" "5907158" "6055460" "4383180" "4539217" "4578589" "4587433" "4593200" "4761559" "4782304" "4812663" "4847504" "4914305" "4943728" "4975586" "4980562" "5023458" "5198676" "5350427" "5350926").pn. ("5384465" "5432352" "5438203" "5457324" "5481116" "5497006" "5531420" "5554857" "5554854" "5633506" "5639386" "5656092" "5670217" "5672879" "5693939" "5703372" "5719403" "5736743" "5763890" "5814822" "5834787" "5861632" "5880013" "5981961" "5998798" "6020592" "6027988" "6030898" "6075249" "6090689" "6093456" "6130436" "6136613" "6153524" "6207005" "6222253" "6222253" "6268609" "6274459" "6297510" "6300643" "6313475" "6344404" "6392245" "6414329" "6462817" "6476399" "6514838" "6524869" "6525326").pn.)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/11/21 14:58 |

| 14 | 838 | (((((wafer or sample or object or specimen or die) WITH (pad or holder or stage or support or pedestal or carrier or supported or supporting) WITH (water or h2o or antifreeze or air or freon or nitrogen or halogen or coolant or cooling or cooled or cool)) AND (((Ion adj (implantation or implanting or implanter)) or (electron adj microscope) or SEM or STM) OR ((charged adj particle adj beam) or CPB or (particle adj beam) or PB or (ion adj beam) or ionbeam or ion-beam or (electron adj beam) or electronbeam or ebeam or e-beam or beam))) and ((250/491.1 or 250/492.1 or 250/440.11 or 250/442.11 or 250/443.1 or 250/398) or (("6114705" "5685588" "6222196" "6222196" "6552892" "6583428" "4776744" "4899059" "4937206" "4965862" "5389793" "5420415" "5476520" "5629528" "5703375" "5757018" "5763895" "5883393" "5969366" "6060715" "6180954" "6207959" "6313469" "6515290" "5754391" "5731592" "4804852" "4922106" "4929840" "5486702" "5843797" "5907158" "6055460" "4383180" "4539217" "4578589" "4587433" "4593200" "4761559" "4782304" "4812663" "4847504" "4914305" "4943728" "4975586" "4980562" "5023458" "5198676" "5350427" "5350926").pn. ("5384465" "5432352" "5438203" "5457324" "5481116" "5497006" "5531420" "5554857" "5554854" "5633506" "5639386" "5656092" "5670217" "5672879" "5693939" "5703372" "5719403" "5736743" "5763890" "5814822" "5834787" "5861632" "5880013" "5981961" "5998798" "6020592" "6027988" "6030898" "6075249" "6090689" "6093456" "6130436" "6136613" "6153524" "6207005" "6222253" "6222253" "6268609" "6274459" "6297510" "6300643" "6313475" "6344404" "6392245" "6414329" "6462817" "6476399" "6514838" "6524869" "6525326").pn.

))) or ((((((Ion adj (implantation or implanting or implanter)) or (electron adj microscope) or SEM or STM)) and (((charged adj particle adj beam) or CPB or (particle adj beam) or PB or (ion adj beam) or ionbeam or ion-beam or (electron adj beam) or electronbeam or ebeam or e-beam or beam))) and (((water or h2o or antifreeze or air or freon or nitrogen or halogen or coolant or cooling or cooled or cool)) with (((wafer or sample or object or specimen or die) WITH (pad or holder or stage or support or pedestal or carrier or supported or supporting))))) and ((250/491.1 or 250/492.1 or 250/440.11 or 250/442.11 or 250/443.1 or 250/398) or (("6114705" "5685588" "6222196" "6222196" "6552892" "6583428" "4776744" "4899059" "4937206" "4965862" "5389793" "5420415" "5476520" "5629528" "5703375" "5757018" "5763895" "5883393" "5969366" "6060715" "6180954" "6207959" "6313469" "6515290" "5754391" "5731592" "4804852" "4922106" "4929840" "5486702" "5843797" "5907158" "6055460" "4383180" "4539217" "4578589" "4587433" "4593200" "4761559" "4782304" "4812663" "4847504" "4914305" "4943728" "4975586" "4980562" "5350427" "5350926").pn. ("5384465" "5432352" "5438203" "5457324" "5481116" "5497006" "5531420" "5554857" "5554854" "5633506" "5639386" "5656092" "5670217" "5672879" "5693939" "5703372" "5719403" "5736743" "5763890" "5814822" "5834787" "5861632" "5880013" "5981961" "5998798" "6020592" "6027988" "6030898" "6075249" "6090689" "6093456" "6130436" "6136613" "6153524" "6207005" "6222253" "6222253" "6268609" "6274459" "6297510" "6300643" "6313475" "6344404" "6392245" "6414329" "6462817" "6476399" "6514838" "6524869" "6525326").pn.

)))) or (((((Curve or curved or curving or convex or concave or angular or semi-circular or (semi adj circular) or semi-circular) SAME (bearing or bearings))) and ((250/491.1 or 250/492.1 or 250/440.11 or 250/442.11 or 250/443.1 or 250/398) or (("6114705" "5685588" "6222196" "6222196" "6552892" "6583428" "4776744" "4899059" "4937206" "4965862" "5389793" "5420415" "5476520" "5629528" "5703375" "5757018" "5763895" "5883393" "5969366" "6060715" "6180954" "6207959" "6313469" "6515290" "5754391" "5731592" "4804852" "4922106" "4929840" "5486702" "5843797" "5907158" "6055460" "4383180" "4539217" "4578589" "4587433" "4593200" "4761559" "4782304" "4812663" "4847504" "4914305" "4943728" "4975586" "4980562" "5023458" "5198676" "5350427" "5350926").pn. ("5384465" "5432352" "5438203" "5457324" "5481116" "5497006" "5531420" "5554857" "5554854" "5633506" "5639386" "5656092" "5670217" "5672879" | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/11/21 14:59 |

"5693939" "5703372" "5719403" "5736743" "5763890" "5814822" "5834787" "5861632" "5880013" "5981961" "5998798" "6020592" "6027988" "6030898"

| 15 | 78 | ((((((wafer or sample or object or specimen or die) WITH (pad or holder or stage or support or pedestal or carrier or supported or supporting) WITH (water or h2o or antifreeze or air or freon or nitrogen or halogen or coolant or cooling or cooled or cool)) AND (((Ion adj (implantation or implanting or implanter)) or (electron adj microscope) or SEM or STM) OR ((charged adj particle adj beam) or CPB or (particle adj beam) or PB or (ion adj beam) or ionbeam or ion-beam or (electron adj beam) or electronbeam or ebeam or e-beam or beam))) and ((250/491.1 or 250/492.1 or 250/440.11 or 250/442.11 or 250/443.1 or 250/398) or (("6114705" "5685588" "6222196" "6222196" "6552892" "6583428" "4776744" "4899059" "4937206" "4965862" "5389793" "5420415" "5476520" "5629528" "5703375" "5757018" "5763895" "5883393" "5969366" "6060715" "6180954" "6207959" "6313469" "6515290" "5754391" "5731592" "4804852" "4922106" "4929840" "5486702" "5843797" "5907158" "6055460" "4383180" "4539217" "4578589" "4587433" "4593200" "4761559" "4782304" "4812663" "4847504" "4914305" "4943728" "4975586" "4980562" "5023458" "5198676" "5350427" "5350926").pn. ("5384465" "5432352" "5438203" "5457324" "5481116" "5497006" "5531420" "5554857" "5554854" "5633506" "5639386" "5656092" "5670217" "5672879" "5693939" "5703372" "5719403" "5736743" "5763890" "5814822" "5834787" "5861632" "5880013" "5981961" "5998798" "6020592" "6027988" "6030898" "6075249" "6090689" "6093456" "6130436" "6136613" "6153524" "6207005" "6222253" "6222253" "6268609" "6274459" "6297510" "6300643" "6313475" "6344404" "6392245" "6414329" "6462817" "6476399" "6514838" "6524869" "6525326").pn.))) or ((((((Ion adj (implantation or implanting or implanter)) or (electron adj microscope) or SEM or STM)) and (((charged adj particle adj beam) or CPB or (particle adj beam) or PB or (ion adj beam) or ionbeam or ion-beam or (electron adj beam) or electronbeam or ebeam or e-beam or beam))) and (((water or h2o or antifreeze or air or freon or nitrogen or halogen or coolant or cooling or cooled or cool)) with (((wafer or sample or object or specimen or die) WITH (pad or holder or stage or support or pedestal or carrier or supported or supporting))))) and ((250/491.1 or 250/492.1 or 250/440.11 or 250/442.11 or 250/443.1 or 250/398) or (("6114705" "5685588" "6222196" "6222196" "6552892" "6583428" "4776744" "4899059" "4937206" "4965862" "5389793" "5420415" "5476520" "5629528" "5703375" "5757018" "5763895" "5883393" "5969366" "6060715" "6180954" "6207959" "6313469" "6515290" "5754391" "5731592" "4804852" "4922106" "4929840" "5486702" "5843797" "5907158" "6055460" "4383180" "4539217" "4578589" "4587433" "4593200" "4761559" "4782304" "4812663" "4847504" "4914305" "4943728" "4975586" "4980562" "5023458" "5198676" "5350427" "5350926").pn. ("5384465" "5432352" "5438203" "5457324" "5481116" "5497006" "5531420" "5554857" "5554854" "5633506" "5639386" "5656092" "5670217" "5672879" "5693939" "5703372" "5719403" "5736743" "5763890" "5814822" "5834787" "5861632" "5880013" "5981961" "5998798" "6020592" "6027988" "6030898" "6075249" "6090689" "6093456" "6130436" "6136613" "6153524" "6207005" "6222253" "6222253" "6268609" "6274459" "6297510" "6300643" "6313475" "6344404" "6392245" "6414329" "6462817" "6476399" "6514838" "6524869" "6525326").pn.)))) or (((((Curve or curved or curving or convex or concave or angular or semi-circular or (semi adj circular) or semi-circular) SAME (bearing or bearings))) and ((250/491.1 or 250/492.1 or 250/440.11 or 250/442.11 or 250/443.1 or 250/398) or (("6114705" "5685588" "6222196" "6222196" "6552892" "6583428" "4776744" "4899059" "4937206" "4965862" "5389793" "5420415" "5476520" "5629528" "5703375" "5757018" "5763895" "5883393" "5969366" "6060715" "6180954" "6207959" "6313469" "6515290" "5754391" "5731592" "4804852" "4922106" "4929840" "5486702" "5843797" "5907158" "6055460" "4383180" "4539217" "4578589" "4587433" "4593200" "4761559" "4782304" "4812663" "4847504" "4914305" "4943728" "4975586" "4980562" "5023458" "5198676" "5350427" "5350926").pn. ("5384465" "5432352" "5438203" "5457324" "5481116" "5497006" "5531420" "5554857" "5554854" "5633506" "5639386" "5656092" "5670217" "5672879" | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/11/21 14:59 |

C:\APPS\EAST\Workspaces\... "5693939" "5703372" "5719403" "5736743" "5763890" "5814822" "5834787" "5861632" "5880013" "5981961" "5998798" "6020592" "6027988" "6030898"